

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: August 12, 2004, 15:34:29 ; Search time 0.001 Seconds
(without alignments)
164.450 Million cell updates/sec

Title: US-10-033-742-3

Perfect score: 65

Sequence: 1 ttttgaatggaattggac.....gctgggggttgagggtttac 65

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 0.5

Searched: 103 seqs, 1265 residues

Total number of hits satisfying chosen parameters: 206

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Listing first 103 summaries

Database : rndb:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | Query Match | Length | DB ID | Description |
|------------|-------|-------------|--------|-------|---------------------|
| C 1 | 19.8 | 30.5 | 23 | 1 | US-09-071-353-12 |
| C 2 | 19.8 | 30.5 | 23 | 1 | US-09-426-326-12 |
| C 3 | 14 | 21.5 | 18 | 1 | US-08-525-654A-138 |
| C 4 | 12.8 | 19.7 | 17 | 1 | US-08-281-940-29 |
| C 5 | 12.8 | 19.7 | 17 | 1 | US-08-710-134-29 |
| C 6 | 12.8 | 19.7 | 17 | 1 | US-08-485-885-29 |
| C 7 | 12.8 | 19.7 | 17 | 1 | US-09-866-108A-2464 |
| C 8 | 12.8 | 19.7 | 17 | 1 | US-09-866-108A-2465 |
| C 9 | 11.4 | 17.5 | 15 | 1 | US-08-146-886-12 |
| C 10 | 11.4 | 17.5 | 15 | 1 | US-08-440-787A-139 |
| C 11 | 11.4 | 17.5 | 15 | 1 | US-09-109-613-22 |
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| C 15 | 10.8 | 16.6 | 14 | 1 | US-09-580-923-29 |
| C 16 | 10.8 | 16.6 | 14 | 1 | US-09-580-923-30 |
| C 17 | 10.8 | 16.6 | 14 | 1 | PCT-US95-06379-25 |
| C 18 | 10.8 | 16.6 | 14 | 1 | US-08-004-800-9 |
| C 19 | 10.4 | 16.0 | 12 | 1 | US-08-004-800-11 |
| C 20 | 10.4 | 16.0 | 12 | 1 | US-08-004-800-12 |
| C 21 | 10.4 | 16.0 | 12 | 1 | US-08-115-497-14 |
| C 22 | 10.4 | 16.0 | 12 | 1 | US-08-115-497-15 |
| C 23 | 10.4 | 16.0 | 12 | 1 | US-08-115-497-17 |
| C 24 | 10.4 | 16.0 | 12 | 1 | US-08-413-813-9 |
| C 25 | 10.4 | 16.0 | 12 | 1 | US-08-413-813-10 |
| C 26 | 10.4 | 16.0 | 12 | 1 | US-08-413-813-11 |
| C 27 | 10.4 | 16.0 | 12 | 1 | US-08-413-813-12 |
| C 28 | 10.4 | 16.0 | 12 | 1 | US-08-413-813-28 |
| C 29 | 10.4 | 16.0 | 12 | 1 | US-08-413-813-29 |
| C 30 | 10.4 | 16.0 | 12 | 1 | US-08-413-813-31 |
| C 31 | 10.4 | 16.0 | 12 | 1 | US-08-466-670-14 |
| C 32 | 10.4 | 16.0 | 12 | 1 | US-08-466-670-15 |
| C 33 | 10.4 | 16.0 | 12 | 1 | US-08-466-670-17 |

ALIGNMENTS

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| 34 | 10.4 | 16.0 | 12 | 1 | US-08-467-346-9 | Sequence 9, Appl |
| C 35 | 10.4 | 16.0 | 12 | 1 | US-08-467-346-10 | Sequence 10, Appl |
| C 36 | 10.4 | 16.0 | 12 | 1 | US-08-467-346-28 | Sequence 28, Appl |
| C 37 | 10.4 | 16.0 | 12 | 1 | US-08-467-346-29 | Sequence 29, Appl |
| C 38 | 10.4 | 16.0 | 12 | 1 | US-08-467-346-31 | Sequence 31, Appl |
| C 39 | 10.4 | 16.0 | 12 | 1 | US-08-822-586-50 | Sequence 50, Appl |
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| C 53 | 9.4 | 14.5 | 12 | 1 | US-08-413-813-38 | Sequence 38, Appl |
| C 54 | 9.4 | 14.5 | 12 | 1 | US-08-413-813-39 | Sequence 39, Appl |
| C 55 | 9.4 | 14.5 | 12 | 1 | US-08-466-670-12 | Sequence 12, Appl |
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| C 57 | 9.4 | 14.5 | 12 | 1 | US-08-494-301A-12 | Sequence 12, Appl |
| C 58 | 9.4 | 14.5 | 12 | 1 | US-08-467-346-38 | Sequence 38, Appl |
| C 59 | 9.4 | 14.5 | 12 | 1 | US-08-467-346-39 | Sequence 39, Appl |
| C 60 | 9.4 | 14.5 | 12 | 1 | US-08-403-888A-41 | Sequence 41, Appl |
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| C 63 | 9.4 | 14.5 | 12 | 1 | US-08-819-867-5 | Sequence 5, Appl |
| C 64 | 9.4 | 14.5 | 12 | 1 | US-08-819-867-33 | Sequence 33, Appl |
| C 65 | 9.4 | 14.5 | 12 | 1 | US-08-819-867-35 | Sequence 35, Appl |
| C 66 | 9.4 | 14.5 | 12 | 1 | US-08-679-493A-64 | Sequence 64, Appl |
| C 67 | 9.4 | 14.5 | 12 | 1 | US-09-378-535-5 | Sequence 5, Appl |
| C 68 | 9.4 | 14.5 | 12 | 1 | US-09-378-535-33 | Sequence 33, Appl |
| C 69 | 9.4 | 14.5 | 12 | 1 | US-09-378-535-35 | Sequence 35, Appl |
| C 70 | 9.4 | 14.5 | 12 | 1 | PCT-US94-02471-53 | Sequence 53, Appl |
| C 71 | 9.4 | 14.5 | 12 | 1 | US-08-482-115B-32 | Sequence 32, Appl |
| C 72 | 9.4 | 14.5 | 12 | 1 | US-08-472-802C-34 | Sequence 34, Appl |
| C 73 | 9 | 13.8 | 9 | 1 | US-09-057-351-32 | Sequence 32, Appl |
| C 74 | 9 | 13.8 | 9 | 1 | US-08-330-123A-10 | Sequence 10, Appl |
| C 75 | 9 | 13.8 | 9 | 1 | US-08-482-115B-10 | Sequence 10, Appl |
| C 76 | 9 | 13.8 | 9 | 1 | US-08-660-678A-10 | Sequence 10, Appl |
| C 77 | 9 | 13.8 | 9 | 1 | US-08-485-778-41 | Sequence 41, Appl |
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| C 89 | 9 | 13.8 | 9 | 1 | PCT-US96-09430-21 | Sequence 21, Appl |
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| C 92 | 9 | 13.8 | 9 | 1 | US-08-222-715B-39 | Sequence 39, Appl |
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| C 95 | 9 | 13.8 | 9 | 1 | PCT-US96-09430-17 | Sequence 17, Appl |
| C 96 | 9 | 13.8 | 9 | 1 | PCT-US96-09430-18 | Sequence 18, Appl |

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OM nucleic - nucleic search, using sw model

Run on: August 12, 2004, 15:30:40 ; Search time 1 Seconds
(without alignments)
0.117 Million cell updates/sec

Title: US-10-033-742-3
Perfect score: 65
Sequence: 1 ttttgggaatggaattggac.....gcctggggttgagggtttac 65

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 0.5

Searched: 61 seqs, 898 residues

Total number of hits satisfying chosen parameters: 122

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 61 summaries

Database : pub:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | Query Match | Length | ID | Description |
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| 2 | 25 | 38.5 | 25 | 1 | Sequence 3888, Ap |
| 3 | 25 | 30.8 | 20 | 1 | Sequence 3889, Ap |
| 4 | 20 | 30.8 | 20 | 1 | Sequence 20, Appl |
| 5 | 20 | 30.8 | 20 | 1 | Sequence 21, Appl |
| 6 | 20 | 30.8 | 20 | 1 | Sequence 22, Appl |
| 7 | 19.8 | 30.5 | 23 | 1 | Sequence 23, Appl |
| 8 | 15.8 | 24.3 | 21 | 1 | Sequence 12, Appl |
| 9 | 13.8 | 21.2 | 17 | 1 | Sequence 107, Appl |
| 10 | 13.4 | 20.6 | 16 | 1 | Sequence 2614, Ap |
| 11 | 13.4 | 20.6 | 16 | 1 | Sequence 367, App |
| 12 | 13.4 | 20.6 | 17 | 1 | Sequence 367, App |
| 13 | 13.4 | 20.6 | 17 | 1 | Sequence 127, App |
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| 16 | 12.8 | 19.7 | 16 | 1 | Sequence 497, App |
| 17 | 12.8 | 19.7 | 17 | 1 | Sequence 2913, Ap |
| 18 | 12.8 | 19.7 | 17 | 1 | Sequence 2464, Ap |
| 19 | 12.8 | 19.7 | 17 | 1 | Sequence 2465, Ap |
| 20 | 12.8 | 19.7 | 17 | 1 | Sequence 1042, Ap |
| 21 | 12.8 | 19.7 | 17 | 1 | Sequence 3729, Ap |
| 22 | 12.8 | 19.7 | 17 | 1 | Sequence 2484, Ap |
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| 27 | 11.4 | 17.5 | 13 | 1 | Sequence 796, App |
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| 29 | 11.4 | 17.5 | 13 | 1 | Sequence 796, App |
| 30 | 11.4 | 17.5 | 15 | 1 | Sequence 9, Appli |
| 31 | 10.8 | 16.6 | 14 | 1 | Sequence 32, Appl |
| 32 | 10.8 | 16.6 | 14 | 1 | Sequence 48, Appl |
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| c 43 | 10 | 15.4 | 12 | 1 | US-10-091-281-67 | Sequence 67, Appl |
| c 44 | 9.8 | 15.1 | 13 | 1 | US-09-789-836-31 | Sequence 31, Appl |
| c 45 | 9.8 | 15.1 | 13 | 1 | US-09-789-831-29 | Sequence 29, Appl |
| c 46 | 9.4 | 14.5 | 11 | 1 | US-09-918-715-8 | Sequence 8, Appli |
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| c 56 | 9.4 | 14.5 | 12 | 1 | US-10-232-927A-35 | Sequence 35, Appl |
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| c 58 | 9.4 | 14.5 | 12 | 1 | US-10-422-262-19 | Sequence 19, Appl |
| c 59 | 9.4 | 14.5 | 12 | 1 | US-10-422-262-20 | Sequence 20, Appl |
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ALIGNMENTS

RESULT 1

US-10-717-597-3888
; Sequence 3888, Application US/10717597
; Publication No. US20040110221A1

GENERAL INFORMATION:

APPLICANT: Wyeth
APPLICANT: Burczynski, Michael E.
APPLICANT: Twine, Natalie C.

APPLICANT: Dornier, Andrew J.
APPLICANT: Trepicchio, William L.
APPLICANT: Slonim, Donna K.

APPLICANT: Stover, Jennifer A.
TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS

FILE REFERENCE: AM101080L
CURRENT APPLICATION NUMBER: US/10717,597

PRIOR FILING DATE: 2003-11-21
PRIOR FILING DATE: 2003-11-21

PRIOR FILING DATE: 2003-04-03
PRIOR FILING DATE: 2003-04-03

PRIOR FILING DATE: 2002-11-21
NUMBER OF SEQ ID NOS: 4904

SOFTWARE: Patent in version 3.2
SEQ ID NO 3888

LENGTH: 25
TYPE: DNA

ORGANISM: Homo sapiens
US-10-717-597-3888

Query Match 38.5%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.62;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 GGAATTGGACATAGCCCAAGACAG 25

RESULT 2

US-10-717-597-3889
; Sequence 3889, Application US/10717597

ALIGNMENTS

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/mol_type="unassigned DNA"
/db_xref="taxon:32644"

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| LOCUS | Sequence | from patent US 6537794. |
| DEFINITION | Sequence | |
| ACCESSION | AR300570 | |
| VERSION | AR300570.1 | GI:31688075 |
| KEYWORDS | . | |
| SOURCE | Unknown. | |
| ORGANISM | Unknown. | |
| | Unclassified. | |

| | | | | |
|-----------------------|--------|----------------|-------|-------------------|
| Query Match | 30.5%; | Score 19.8; | DB 1; | Length 23; |
| Best Local Similarity | 91.3%; | Pred. No. 1.6; | | |
| Mismatches | 0; | Mismatches | 2; | Indels 0; Gaps 0; |
| Conservative | 21; | Conservative | | |

[illegible]

1 Shimkets, R.A. and Fernandes, E.
Nucleic acids and secreted polypeptides encoded thereby

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OM nucleic - nucleic search, using sw model

Run on: August 12, 2004, 15:32:42 ; Search time 1 Seconds
(without alignments)
0.227 Million cell updates/sec

Title: US-10-033-742-3

Perfect score: 65

Sequence: 1 ttctggaatggaattggac.....gtcggggttggaaggtttcac 65

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 0.5

Searched: 134 seqs, 1745 residues

Total number of hits satisfying chosen parameters: 268

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 134 summaries

Database : rgedb:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | Query Match | Length | DB ID | Description |
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| C 1 | 19.8 | 30.5 | 23 | 1 | ACCESSION: A83656 |
| C 2 | 19.8 | 30.5 | 23 | 1 | ACCESSION: AR300570 |
| C 3 | 19.8 | 30.5 | 23 | 1 | ACCESSION: BD106469 |
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| C 5 | 14.4 | 22.2 | 18 | 1 | ACCESSION: BD107600 |
| C 6 | 14 | 21.5 | 18 | 1 | ACCESSION: AR000413 |
| C 7 | 13.8 | 21.2 | 17 | 1 | ACCESSION: BD183671 |
| C 8 | 13.4 | 20.6 | 17 | 1 | ACCESSION: AX217386 |
| C 9 | 13.4 | 20.6 | 17 | 1 | ACCESSION: AX217387 |
| C 10 | 13 | 20.0 | 17 | 1 | ACCESSION: AX217388 |
| C 11 | 13 | 20.0 | 17 | 1 | ACCESSION: AX217756 |
| C 12 | 13 | 20.0 | 17 | 1 | ACCESSION: AX733882 |
| C 13 | 13 | 20.0 | 17 | 1 | ACCESSION: AX757493 |
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| C 16 | 12.8 | 19.7 | 17 | 1 | ACCESSION: BD254337 |
| C 17 | 12.8 | 19.7 | 17 | 1 | ACCESSION: BD258370 |
| C 18 | 12.8 | 19.7 | 17 | 1 | ACCESSION: AX217387 |
| C 19 | 12.8 | 19.7 | 17 | 1 | ACCESSION: AX217388 |
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| C 21 | 12.4 | 19.1 | 15 | 1 | ACCESSION: BD233078 |
| C 22 | 12.4 | 19.1 | 15 | 1 | ACCESSION: AX007611 |
| C 23 | 12.4 | 19.1 | 15 | 1 | ACCESSION: AX007632 |
| C 24 | 11.4 | 17.5 | 13 | 1 | ACCESSION: AX104604 |
| C 25 | 11.4 | 17.5 | 13 | 1 | ACCESSION: AX355422 |
| C 26 | 11.4 | 17.5 | 13 | 1 | ACCESSION: AX547657 |
| C 27 | 11.4 | 17.5 | 14 | 1 | ACCESSION: BD233079 |
| C 28 | 11.4 | 17.5 | 14 | 1 | ACCESSION: AX007633 |
| C 29 | 11.4 | 17.5 | 15 | 1 | ACCESSION: I45950 |
| C 30 | 11.4 | 17.5 | 15 | 1 | ACCESSION: AR278927 |
| C 31 | 11.4 | 17.5 | 15 | 1 | ACCESSION: AR278931 |
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| 41 | 10.8 | 16.6 | 14 | 1 | AX287231 |
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| C 50 | 10.4 | 15.0 | 12 | 1 | AR036368 |
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| C 74 | 10 | 15.4 | 11 | 1 | AX624183 |
| C 75 | 10 | 15.4 | 11 | 1 | AX624981 |
| C 76 | 10 | 15.4 | 11 | 1 | AX625481 |
| C 77 | 10 | 15.4 | 11 | 1 | AX626412 |
| C 78 | 10 | 15.4 | 11 | 1 | AX626765 |
| C 79 | 10 | 15.4 | 11 | 1 | AX631604 |
| C 80 | 10 | 15.4 | 11 | 1 | AX632402 |
| 81 | 10 | 15.4 | 12 | 1 | I05995 |
| 82 | 10 | 15.4 | 12 | 1 | I08795 |
| C 83 | 10 | 15.4 | 12 | 1 | AR349259 |
| C 84 | 10 | 15.4 | 12 | 1 | AR349261 |
| C 85 | 9.8 | 15.1 | 13 | 1 | A01985 |
| C 86 | 9.8 | 15.1 | 13 | 1 | A06431 |
| C 87 | 9.8 | 15.1 | 13 | 1 | BD062265 |
| C 88 | 9.4 | 14.5 | 11 | 1 | I16094 |
| C 89 | 9.4 | 14.5 | 11 | 1 | AX393078 |
| C 90 | 9.4 | 14.5 | 11 | 1 | AX470597 |
| C 91 | 9.4 | 14.5 | 11 | 1 | AX470878 |
| C 92 | 9.4 | 14.5 | 11 | 1 | AX471365 |
| C 93 | 9.4 | 14.5 | 11 | 1 | AX623489 |
| C 94 | 9.4 | 14.5 | 11 | 1 | AX624179 |
| C 95 | 9.4 | 14.5 | 11 | 1 | AX624329 |
| 96 | 9.4 | 14.5 | 11 | 1 | AX624484 |
| C 97 | 9.4 | 14.5 | 11 | 1 | AX625720 |
| C 98 | 9.4 | 14.5 | 11 | 1 | AX625789 |
| C 99 | 9.4 | 14.5 | 11 | 1 | AX626474 |
| C 100 | 9.4 | 14.5 | 11 | 1 | AX627570 |
| C 101 | 9.4 | 14.5 | 11 | 1 | AX628639 |
| C 102 | 9.4 | 14.5 | 11 | 1 | AX628640 |
| C 103 | 9.4 | 14.5 | 11 | 1 | AX628771 |
| C 104 | 9.4 | 14.5 | 11 | 1 | AX629905 |
| C 105 | 9.4 | 14.5 | 11 | 1 | AX630278 |
| C 106 | 9.4 | 14.5 | 11 | 1 | AX630910 |

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OM nucleic - nucleic search, using sw model

Run on: August 12, 2004, 15:28:53 ; Search time 1 seconds
(without alignments)
0.904 Million cell updates/sec

Title: US-10-033-742-3
Perfect score: 65
Sequence: 1 ttcttggaatggaattggac.....gctgggggttgagggtttcac 65

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 0.5

Searched: 534 seqs, 6954 residues

Total number of hits satisfying chosen parameters: 1068

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 534 summaries

Database : ngs:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | Query Match % | Length | DB ID | Description |
|------------|-------|---------------|--------|-------|-------------|
| C 1 | 24 | 36.9 | 24 | 1 | ADC02407 |
| C 2 | 20 | 30.8 | 20 | 1 | AD57273 |
| C 3 | 20 | 30.8 | 20 | 1 | AD57273 |
| C 4 | 20 | 30.8 | 20 | 1 | AD57276 |
| C 5 | 20 | 30.8 | 20 | 1 | AD57275 |
| C 6 | 19.8 | 30.5 | 23 | 1 | AAV82678 |
| C 7 | 15.8 | 24.3 | 21 | 1 | AAF74520 |
| C 8 | 14.4 | 22.2 | 18 | 1 | AA42340 |
| C 9 | 14 | 21.5 | 18 | 1 | AAQ99361 |
| C 10 | 13.4 | 20.6 | 16 | 1 | ABX75321 |
| C 11 | 13.4 | 20.6 | 17 | 1 | ABX02829 |
| C 12 | 13.4 | 20.6 | 17 | 1 | ABX02828 |
| C 13 | 13 | 20.0 | 17 | 1 | ABX02830 |
| C 14 | 13 | 20.0 | 17 | 1 | ABX03198 |
| C 15 | 13 | 20.0 | 17 | 1 | ABT39879 |
| C 16 | 13 | 20.0 | 17 | 1 | AD840491 |
| C 17 | 12.8 | 19.7 | 17 | 1 | AD60238 |
| C 18 | 12.8 | 19.7 | 17 | 1 | AA060372 |
| C 19 | 12.8 | 19.7 | 17 | 1 | ABX03743 |
| C 20 | 12.8 | 19.7 | 17 | 1 | ABX02472 |
| C 21 | 12.8 | 19.7 | 17 | 1 | ABX02472 |
| C 22 | 12.8 | 19.7 | 17 | 1 | ABX02472 |
| C 23 | 12.4 | 19.1 | 15 | 1 | AA297663 |
| C 24 | 12.4 | 19.1 | 15 | 1 | AA297663 |
| C 25 | 12 | 18.5 | 12 | 1 | AB167380 |
| C 26 | 12 | 18.5 | 12 | 1 | AB148814 |
| C 27 | 12 | 18.5 | 13 | 1 | ABC19998 |
| C 28 | 12 | 18.5 | 13 | 1 | ABC19999 |
| C 29 | 12 | 18.5 | 15 | 1 | AA411830 |
| C 30 | 11.8 | 18.2 | 15 | 1 | AAFS1170 |
| C 31 | 11.8 | 18.2 | 15 | 1 | AAFS1169 |
| C 32 | 11.8 | 18.2 | 15 | 1 | AAFS1169 |
| C 33 | 11.8 | 18.2 | 15 | 1 | AA48106 |

| | | | | | | |
|-------|------|------|----|---|----------|--------------------|
| 34 | 11.4 | 17.5 | 13 | 1 | AAF99594 | Immunostimulatory |
| 35 | 11.4 | 17.5 | 13 | 1 | ABF69510 | Oligonucleotide SE |
| C 36 | 11.4 | 17.5 | 13 | 1 | ABH44501 | Oligonucleotide SE |
| C 37 | 11.4 | 17.5 | 13 | 1 | ABF69511 | Oligonucleotide SE |
| C 38 | 11.4 | 17.5 | 13 | 1 | ABF07727 | Oligonucleotide SE |
| C 39 | 11.4 | 17.5 | 13 | 1 | ABC73222 | Oligonucleotide SE |
| C 40 | 11.4 | 17.5 | 13 | 1 | ABC73223 | Oligonucleotide SE |
| 41 | 11.4 | 17.5 | 13 | 1 | ABF07726 | Oligonucleotide SE |
| 42 | 11.4 | 17.5 | 13 | 1 | ABH57826 | Oligonucleotide SE |
| 43 | 11.4 | 17.5 | 13 | 1 | ABH44500 | Oligonucleotide SE |
| C 44 | 11.4 | 17.5 | 13 | 1 | ABH57827 | Oligonucleotide SE |
| 45 | 11.4 | 17.5 | 13 | 1 | ABF78312 | Angiogenesis inh |
| 46 | 11.4 | 17.5 | 13 | 1 | ABL39046 | Immunostimulatory |
| 47 | 11.4 | 17.5 | 13 | 1 | ACH03134 | Immunostimulatory |
| 48 | 11.4 | 17.5 | 13 | 1 | ADB37036 | Immunostimulatory |
| 49 | 11.4 | 17.5 | 14 | 1 | AAZ97685 | HIV-1 protease Gen |
| 50 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | 69-mer oligonucleo |
| C 51 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human satellite II |
| 52 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Resistance gene te |
| 53 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 54 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 55 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 56 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 57 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 58 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 59 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| 60 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| 61 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| 62 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| 63 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| 64 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 65 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 66 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 67 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 68 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 69 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 70 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 71 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 72 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 73 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 74 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 75 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 76 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 77 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 78 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 79 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 80 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 81 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 82 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 83 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 84 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 85 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 86 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 87 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 88 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 89 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 90 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 91 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 92 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 93 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 94 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 95 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 96 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 97 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 98 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 99 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 100 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 101 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 102 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 103 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 104 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 105 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |
| C 106 | 11.4 | 17.5 | 15 | 1 | AAQ90131 | Human GSR allele s |

N-Genealogy

| | | | | | | |
|-------|------|------|----|---|-----------|--------------------|
| C 107 | 10.4 | 16.0 | 12 | 1 | ABI24668 | Oligonucleotide SE |
| C 108 | 10.4 | 16.0 | 12 | 1 | ABI57127 | Oligonucleotide SE |
| C 109 | 10.4 | 16.0 | 12 | 1 | ABI70112 | Oligonucleotide SE |
| C 110 | 10.4 | 16.0 | 12 | 1 | ABI75408 | Oligonucleotide SE |
| C 111 | 10.4 | 16.0 | 12 | 1 | ABH76819 | Oligonucleotide SE |
| C 112 | 10.4 | 16.0 | 12 | 1 | ABI08168 | Oligonucleotide SE |
| C 113 | 10.4 | 16.0 | 12 | 1 | ABI11964 | Oligonucleotide SE |
| C 114 | 10.4 | 16.0 | 12 | 1 | ABI13865 | Oligonucleotide SE |
| C 115 | 10.4 | 16.0 | 12 | 1 | ABI138926 | Oligonucleotide SE |
| C 116 | 10.4 | 16.0 | 12 | 1 | ABI37391 | Oligonucleotide SE |
| C 117 | 10.4 | 16.0 | 12 | 1 | ABI77010 | Oligonucleotide SE |
| C 118 | 10.4 | 16.0 | 12 | 1 | ABI23551 | Oligonucleotide SE |
| C 119 | 10.4 | 16.0 | 12 | 1 | ABI24292 | Oligonucleotide SE |
| C 120 | 10.4 | 16.0 | 12 | 1 | ABI75632 | Oligonucleotide SE |
| C 121 | 10.4 | 16.0 | 12 | 1 | ABI26119 | Oligonucleotide SE |
| C 122 | 10.4 | 16.0 | 12 | 1 | ABI17994 | Oligonucleotide SE |
| C 123 | 10.4 | 16.0 | 12 | 1 | ABI07453 | Oligonucleotide SE |
| C 124 | 10.4 | 16.0 | 12 | 1 | ABI62010 | Oligonucleotide SE |
| C 125 | 10.4 | 16.0 | 12 | 1 | ABI00155 | Oligonucleotide SE |
| C 126 | 10.4 | 16.0 | 12 | 1 | ABC95493 | Oligonucleotide SE |
| C 127 | 10.4 | 16.0 | 12 | 1 | ABC72046 | Oligonucleotide SE |
| C 128 | 10.4 | 16.0 | 12 | 1 | ABC11945 | Oligonucleotide SE |
| C 129 | 10.4 | 16.0 | 12 | 1 | ABC87797 | Oligonucleotide SE |
| C 130 | 10.4 | 16.0 | 12 | 1 | ABC98082 | Oligonucleotide SE |
| C 131 | 10.4 | 16.0 | 12 | 1 | ABF60882 | Oligonucleotide SE |
| C 132 | 10.4 | 16.0 | 12 | 1 | ABF09494 | Oligonucleotide SE |
| C 133 | 10.4 | 16.0 | 12 | 1 | ABH08614 | Oligonucleotide SE |
| C 134 | 10.4 | 16.0 | 12 | 1 | ABC8620 | Oligonucleotide SE |
| C 135 | 10.4 | 16.0 | 12 | 1 | ABC19997 | Oligonucleotide SE |
| C 136 | 10.4 | 16.0 | 12 | 1 | ABC95834 | Oligonucleotide SE |
| C 137 | 10.4 | 16.0 | 12 | 1 | ABC22672 | Oligonucleotide SE |
| C 138 | 10.4 | 16.0 | 12 | 1 | ABF53874 | Oligonucleotide SE |
| C 139 | 10.4 | 16.0 | 12 | 1 | ABC93477 | Oligonucleotide SE |
| C 140 | 10.4 | 16.0 | 12 | 1 | ABC19996 | Oligonucleotide SE |
| C 141 | 10.4 | 16.0 | 12 | 1 | ABF09495 | Oligonucleotide SE |
| C 142 | 10.4 | 16.0 | 12 | 1 | ABH45216 | Oligonucleotide SE |
| C 143 | 10.4 | 16.0 | 12 | 1 | ABF12720 | Oligonucleotide SE |
| C 144 | 10.4 | 16.0 | 12 | 1 | ABH18990 | Oligonucleotide SE |
| C 145 | 10.4 | 16.0 | 12 | 1 | ABF72258 | Oligonucleotide SE |
| C 146 | 10.4 | 16.0 | 12 | 1 | ABH64846 | Oligonucleotide SE |
| C 147 | 10.4 | 16.0 | 12 | 1 | ABC61688 | Oligonucleotide SE |
| C 148 | 10.4 | 16.0 | 12 | 1 | ABH18991 | Oligonucleotide SE |
| C 149 | 10.4 | 16.0 | 12 | 1 | ABC95492 | Oligonucleotide SE |
| C 150 | 10.4 | 16.0 | 12 | 1 | ABC99700 | Oligonucleotide SE |
| C 151 | 10.4 | 16.0 | 12 | 1 | ABF35272 | Oligonucleotide SE |
| C 152 | 10.4 | 16.0 | 12 | 1 | ABH56067 | Oligonucleotide SE |
| C 153 | 10.4 | 16.0 | 12 | 1 | ABC69962 | Oligonucleotide SE |
| C 154 | 10.4 | 16.0 | 12 | 1 | ABC00654 | Oligonucleotide SE |
| C 155 | 10.4 | 16.0 | 12 | 1 | ABF44599 | Oligonucleotide SE |
| C 156 | 10.4 | 16.0 | 12 | 1 | ABF72259 | Oligonucleotide SE |
| C 157 | 10.4 | 16.0 | 12 | 1 | ABC93476 | Oligonucleotide SE |
| C 158 | 10.4 | 16.0 | 12 | 1 | ABC00655 | Oligonucleotide SE |
| C 159 | 10.4 | 16.0 | 12 | 1 | ABF15052 | Oligonucleotide SE |
| C 160 | 10.4 | 16.0 | 12 | 1 | ABF33875 | Oligonucleotide SE |
| C 161 | 10.4 | 16.0 | 12 | 1 | ABH08607 | Oligonucleotide SE |
| C 162 | 10.4 | 16.0 | 12 | 1 | ABH56066 | Oligonucleotide SE |
| C 163 | 10.4 | 16.0 | 12 | 1 | ABC95835 | Oligonucleotide SE |
| C 164 | 10.4 | 16.0 | 12 | 1 | ABC72047 | Oligonucleotide SE |
| C 165 | 10.4 | 16.0 | 12 | 1 | ABC11944 | Oligonucleotide SE |
| C 166 | 10.4 | 16.0 | 12 | 1 | ABC75889 | Oligonucleotide SE |
| C 167 | 10.4 | 16.0 | 12 | 1 | ABC7801 | Oligonucleotide SE |
| C 168 | 10.4 | 16.0 | 12 | 1 | ABF60883 | Oligonucleotide SE |
| C 169 | 10.4 | 16.0 | 12 | 1 | ABC99009 | Oligonucleotide SE |
| C 170 | 10.4 | 16.0 | 12 | 1 | ABC99701 | Oligonucleotide SE |
| C 171 | 10.4 | 16.0 | 12 | 1 | ABF67787 | Oligonucleotide SE |
| C 172 | 10.4 | 16.0 | 12 | 1 | ABF51528 | Oligonucleotide SE |
| C 173 | 10.4 | 16.0 | 12 | 1 | ABC59863 | Oligonucleotide SE |
| C 174 | 10.4 | 16.0 | 12 | 1 | ABC22673 | Oligonucleotide SE |
| C 175 | 10.4 | 16.0 | 12 | 1 | ABC99008 | Oligonucleotide SE |
| C 176 | 10.4 | 16.0 | 12 | 1 | ABC87800 | Oligonucleotide SE |
| C 177 | 10.4 | 16.0 | 12 | 1 | ABC99083 | Oligonucleotide SE |
| C 178 | 10.4 | 16.0 | 12 | 1 | ABF67786 | Oligonucleotide SE |
| C 179 | 10.4 | 16.0 | 12 | 1 | ABF67786 | Oligonucleotide SE |
| C 180 | 10.4 | 16.0 | 12 | 1 | ABH08615 | Oligonucleotide SE |
| C 181 | 10.4 | 16.0 | 12 | 1 | ABC18621 | Oligonucleotide SE |
| C 182 | 10.4 | 16.0 | 12 | 1 | ABF12721 | Oligonucleotide SE |
| C 183 | 10.4 | 16.0 | 12 | 1 | ABC87796 | Oligonucleotide SE |
| C 184 | 10.4 | 16.0 | 12 | 1 | ABF35273 | Oligonucleotide SE |
| C 185 | 10.4 | 16.0 | 12 | 1 | ABF44598 | Oligonucleotide SE |
| C 186 | 10.4 | 16.0 | 12 | 1 | ABC75858 | Oligonucleotide SE |
| C 187 | 10.4 | 16.0 | 12 | 1 | ABC61689 | Oligonucleotide SE |
| C 188 | 10.4 | 16.0 | 12 | 1 | ABF51529 | Oligonucleotide SE |
| C 189 | 10.4 | 16.0 | 12 | 1 | ABH08606 | Oligonucleotide SE |
| C 190 | 10.4 | 16.0 | 12 | 1 | ABH45217 | Oligonucleotide SE |
| C 191 | 10.4 | 16.0 | 12 | 1 | ABH64847 | Oligonucleotide SE |
| C 192 | 10.4 | 16.0 | 12 | 1 | AAQ79357 | Oligonucleotide SE |
| C 193 | 10.4 | 16.0 | 12 | 1 | AAV50176 | Oligonucleotide SE |
| C 194 | 10.4 | 16.0 | 12 | 1 | AAZ77894 | Oligonucleotide SE |
| C 195 | 10.4 | 16.0 | 12 | 1 | AAZ82445 | Oligonucleotide SE |
| C 196 | 10.4 | 16.0 | 12 | 1 | AAH56570 | Oligonucleotide SE |
| C 197 | 10.4 | 16.0 | 12 | 1 | AAH64133 | Oligonucleotide SE |
| C 198 | 10.4 | 16.0 | 12 | 1 | AAF41485 | Oligonucleotide SE |
| C 199 | 10.4 | 16.0 | 12 | 1 | AAF36810 | Oligonucleotide SE |
| C 200 | 10.4 | 16.0 | 12 | 1 | AAF35563 | Oligonucleotide SE |
| C 201 | 10.4 | 16.0 | 12 | 1 | AAF33393 | Oligonucleotide SE |
| C 202 | 10.4 | 16.0 | 12 | 1 | AAZ36008 | Oligonucleotide SE |
| C 203 | 10.4 | 16.0 | 12 | 1 | ABV84279 | Oligonucleotide SE |
| C 204 | 10.4 | 16.0 | 12 | 1 | ABV84417 | Oligonucleotide SE |
| C 205 | 10.4 | 16.0 | 12 | 1 | ABQ87092 | Oligonucleotide SE |
| C 206 | 10.4 | 16.0 | 12 | 1 | ABV64736 | Oligonucleotide SE |
| C 207 | 10.4 | 16.0 | 12 | 1 | ABV71657 | Oligonucleotide SE |
| C 208 | 10.4 | 16.0 | 12 | 1 | ABV64236 | Oligonucleotide SE |
| C 209 | 10.4 | 16.0 | 12 | 1 | ABV70859 | Oligonucleotide SE |
| C 210 | 10.4 | 16.0 | 12 | 1 | ABV63438 | Oligonucleotide SE |
| C 211 | 10.4 | 16.0 | 12 | 1 | ABV66020 | Oligonucleotide SE |
| C 212 | 10.4 | 16.0 | 12 | 1 | ABV65667 | Oligonucleotide SE |
| C 213 | 10.4 | 16.0 | 12 | 1 | ABK99462 | Oligonucleotide SE |
| C 214 | 10.4 | 16.0 | 12 | 1 | AAV06858 | Oligonucleotide SE |
| C 215 | 10.4 | 16.0 | 12 | 1 | AAC68048 | Oligonucleotide SE |
| C 216 | 10.4 | 16.0 | 12 | 1 | ABO6792 | Oligonucleotide SE |
| C 217 | 10.4 | 16.0 | 12 | 1 | ABH84270 | Oligonucleotide SE |
| C 218 | 10.4 | 16.0 | 12 | 1 | ABH42194 | Oligonucleotide SE |
| C 219 | 10.4 | 16.0 | 12 | 1 | ABH46629 | Oligonucleotide SE |
| C 220 | 10.4 | 16.0 | 12 | 1 | ABH70669 | Oligonucleotide SE |
| C 221 | 10.4 | 16.0 | 12 | 1 | ABH34548 | Oligonucleotide SE |
| C 222 | 10.4 | 16.0 | 12 | 1 | ABH69406 | Oligonucleotide SE |
| C 223 | 10.4 | 16.0 | 12 | 1 | ABH64587 | Oligonucleotide SE |
| C 224 | 10.4 | 16.0 | 12 | 1 | ABH42193 | Oligonucleotide SE |
| C 225 | 10.4 | 16.0 | 12 | 1 | ABH54467 | Oligonucleotide SE |
| C 226 | 10.4 | 16.0 | 12 | 1 | ABH07846 | Oligonucleotide SE |
| C 227 | 10.4 | 16.0 | 12 | 1 | ABH84274 | Oligonucleotide SE |
| C 228 | 10.4 | 16.0 | 12 | 1 | ABH66699 | Oligonucleotide SE |
| C 229 | 10.4 | 16.0 | 12 | 1 | ABH09673 | Oligonucleotide SE |
| C 230 | 10.4 | 16.0 | 12 | 1 | ABH30165 | Oligonucleotide SE |
| C 231 | 10.4 | 16.0 | 12 | 1 | ABH07667 | Oligonucleotide SE |
| C 232 | 10.4 | 16.0 | 12 | 1 | ABH52354 | Oligonucleotide SE |
| C 233 | 10.4 | 16.0 | 12 | 1 | ABH65302 | Oligonucleotide SE |
| C 234 | 10.4 | 16.0 | 12 | 1 | ABH23654 | Oligonucleotide SE |
| C 235 | 10.4 | 16.0 | 12 | 1 | ABH00156 | Oligonucleotide SE |
| C 236 | 10.4 | 16.0 | 12 | 1 | ABH25871 | Oligonucleotide SE |
| C 237 | 10.4 | 16.0 | 12 | 1 | ABH30164 | Oligonucleotide SE |
| C 238 | 10.4 | 16.0 | 12 | 1 | ABH46947 | Oligonucleotide SE |
| C 239 | 10.4 | 16.0 | 12 | 1 | ABH67422 | Oligonucleotide SE |
| C 240 | 10.4 | 16.0 | 12 | 1 | ABH91967 | Oligonucleotide SE |
| C 241 | 10.4 | 16.0 | 12 | 1 | AAZ25619 | Oligonucleotide SE |
| C 242 | 10.4 | 16.0 | 12 | 1 | AAZ25617 | Oligonucleotide SE |
| C 243 | 10.4 | 16.0 | 12 | 1 | AAZ25617 | Oligonucleotide SE |
| C 244 | 10.4 | 16.0 | 12 | 1 | AAZ13956 | Oligonucleotide SE |
| C 245 | 10.4 | 16.0 | 12 | 1 | AAV06855 | Oligonucleotide SE |
| C 246 | 10.4 | 16.0 | 12 | 1 | ABC72460 | Oligonucleotide SE |
| C 247 | 10.4 | 16.0 | 12 | 1 | ABC72461 | Oligonucleotide SE |
| C 248 | 10.4 | 16.0 | 12 | 1 | ABF96459 | Oligonucleotide SE |
| C 249 | 10.4 | 16.0 | 12 | 1 | ABC98944 | Oligonucleotide SE |
| C 250 | 10.4 | 16.0 | 12 | 1 | ABC98945 | Oligonucleotide SE |
| C 251 | 10.4 | 16.0 | 12 | 1 | ABC08152 | Oligonucleotide SE |
| C 252 | 10.4 | 16.0 | 12 | 1 | ABC38818 | Oligonucleotide SE |
| C 253 | 10.4 | 16.0 | 12 | 1 | ABF4181 | Oligonucleotide SE |

| | | | | | | |
|-------|----|------|----|---|-----------|--------------------|
| 253 | 10 | 15.4 | 13 | 1 | ABP78290 | Oligonucleotide SE |
| 254 | 10 | 15.4 | 13 | 1 | ABR09786 | Oligonucleotide SE |
| C 255 | 10 | 15.4 | 13 | 1 | ABH14635 | Oligonucleotide SE |
| C 256 | 10 | 15.4 | 13 | 1 | ABF35131 | Oligonucleotide SE |
| 257 | 10 | 15.4 | 13 | 1 | ABF68180 | Oligonucleotide SE |
| 258 | 10 | 15.4 | 13 | 1 | ABF72180 | Oligonucleotide SE |
| C 259 | 10 | 15.4 | 13 | 1 | ABF78291 | Oligonucleotide SE |
| 260 | 10 | 15.4 | 13 | 1 | ABF78294 | Oligonucleotide SE |
| 261 | 10 | 15.4 | 13 | 1 | ABH12398 | Oligonucleotide SE |
| 262 | 10 | 15.4 | 13 | 1 | ABH18902 | Oligonucleotide SE |
| C 263 | 10 | 15.4 | 13 | 1 | ABH18903 | Oligonucleotide SE |
| C 264 | 10 | 15.4 | 13 | 1 | ABCG6993 | Oligonucleotide SE |
| 265 | 10 | 15.4 | 13 | 1 | ABCS3076 | Oligonucleotide SE |
| 266 | 10 | 15.4 | 13 | 1 | ABF14904 | Oligonucleotide SE |
| C 267 | 10 | 15.4 | 13 | 1 | ABCI6841 | Oligonucleotide SE |
| 268 | 10 | 15.4 | 13 | 1 | ABF29456 | Oligonucleotide SE |
| C 269 | 10 | 15.4 | 13 | 1 | ABF78295 | Oligonucleotide SE |
| 270 | 10 | 15.4 | 13 | 1 | ABH28568 | Oligonucleotide SE |
| C 271 | 10 | 15.4 | 13 | 1 | ABH09787 | Oligonucleotide SE |
| C 272 | 10 | 15.4 | 13 | 1 | ABH41477 | Oligonucleotide SE |
| C 273 | 10 | 15.4 | 13 | 1 | ABCG38819 | Oligonucleotide SE |
| 274 | 10 | 15.4 | 13 | 1 | ABP35130 | Oligonucleotide SE |
| C 275 | 10 | 15.4 | 13 | 1 | ABF68181 | Oligonucleotide SE |
| C 276 | 10 | 15.4 | 13 | 1 | ABF72181 | Oligonucleotide SE |
| C 277 | 10 | 15.4 | 13 | 1 | ABH28569 | Oligonucleotide SE |
| 278 | 10 | 15.4 | 13 | 1 | ABH66664 | Oligonucleotide SE |
| C 279 | 10 | 15.4 | 13 | 1 | ABCO8153 | Oligonucleotide SE |
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| C 281 | 10 | 15.4 | 13 | 1 | ABCG8851 | Oligonucleotide SE |
| C 282 | 10 | 15.4 | 13 | 1 | ABF14936 | Oligonucleotide SE |
| C 283 | 10 | 15.4 | 13 | 1 | ABF39155 | Oligonucleotide SE |
| 284 | 10 | 15.4 | 13 | 1 | ABH36930 | Oligonucleotide SE |
| 285 | 10 | 15.4 | 13 | 1 | ABH59464 | Oligonucleotide SE |
| 286 | 10 | 15.4 | 13 | 1 | ABF21342 | Oligonucleotide SE |
| C 287 | 10 | 15.4 | 13 | 1 | ABH27163 | Oligonucleotide SE |
| C 288 | 10 | 15.4 | 13 | 1 | ABP52228 | Oligonucleotide SE |
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| C 290 | 10 | 15.4 | 13 | 1 | ABG68982 | Oligonucleotide SE |
| C 291 | 10 | 15.4 | 13 | 1 | ABF02807 | Oligonucleotide SE |
| 292 | 10 | 15.4 | 13 | 1 | ABG66872 | Oligonucleotide SE |
| C 293 | 10 | 15.4 | 13 | 1 | ABF18949 | Oligonucleotide SE |
| C 294 | 10 | 15.4 | 13 | 1 | ABF24945 | Oligonucleotide SE |
| C 295 | 10 | 15.4 | 13 | 1 | ABF73395 | Oligonucleotide SE |
| 296 | 10 | 15.4 | 13 | 1 | ABCG6992 | Oligonucleotide SE |
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| C 298 | 10 | 15.4 | 13 | 1 | ABH16777 | Oligonucleotide SE |
| C 299 | 10 | 15.4 | 13 | 1 | ABH42921 | Oligonucleotide SE |
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| C 301 | 10 | 15.4 | 13 | 1 | ABF21338 | Oligonucleotide SE |
| C 302 | 10 | 15.4 | 13 | 1 | ABF21339 | Oligonucleotide SE |
| C 303 | 10 | 15.4 | 13 | 1 | ABF93539 | Oligonucleotide SE |
| C 304 | 10 | 15.4 | 13 | 1 | ABH36931 | Oligonucleotide SE |
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| C 306 | 10 | 15.4 | 13 | 1 | ABH66665 | Oligonucleotide SE |
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| C 312 | 10 | 15.4 | 13 | 1 | ABH12399 | Oligonucleotide SE |
| 313 | 10 | 15.4 | 13 | 1 | ABH41476 | Oligonucleotide SE |
| 314 | 10 | 15.4 | 13 | 1 | ABF14180 | Oligonucleotide SE |
| C 315 | 10 | 15.4 | 13 | 1 | ABG66873 | Oligonucleotide SE |
| C 316 | 10 | 15.4 | 13 | 1 | ABF39154 | Oligonucleotide SE |
| C 317 | 10 | 15.4 | 13 | 1 | ABF39015 | Oligonucleotide SE |
| C 318 | 10 | 15.4 | 13 | 1 | ABF52057 | Oligonucleotide SE |
| 319 | 10 | 15.4 | 13 | 1 | ABH14634 | Oligonucleotide SE |
| C 320 | 10 | 15.4 | 13 | 1 | ABH59465 | Oligonucleotide SE |
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| C 322 | 10 | 15.4 | 13 | 1 | ABF29457 | Oligonucleotide SE |
| 323 | 10 | 15.4 | 13 | 1 | ABF96458 | Oligonucleotide SE |
| 324 | 10 | 15.4 | 13 | 1 | ABH27160 | Oligonucleotide SE |
| C 325 | 10 | 15.4 | 13 | 1 | ABG74005 | Oligonucleotide SE |

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| C 329 | 10 | 15.4 | 13 | 1 | ABH16776 |
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| C 331 | 10 | 15.4 | 13 | 1 | ASC88550 |
| C 332 | 10 | 15.4 | 13 | 1 | ABF93538 |
| C 333 | 10 | 15.4 | 13 | 1 | ABF73194 |
| C 334 | 10 | 15.4 | 13 | 1 | ABH10858 |
| C 335 | 10 | 15.4 | 13 | 1 | ABF60991 |
| C 336 | 10 | 15.4 | 13 | 1 | ABC74004 |
| C 337 | 10 | 15.4 | 13 | 1 | ABF02806 |
| C 338 | 10 | 15.4 | 13 | 1 | ABP14905 |
| C 339 | 10 | 15.4 | 13 | 1 | ASC16840 |
| C 340 | 10 | 15.4 | 13 | 1 | ABH27161 |
| C 341 | 10 | 15.4 | 13 | 1 | ABH27162 |
| C 342 | 10 | 15.4 | 13 | 1 | ABF52056 |
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| C 346 | 9.8 | 15.1 | 13 | 1 | ABC08574 |
| C 347 | 9.8 | 15.1 | 13 | 1 | ABC63815 |
| C 348 | 9.8 | 15.1 | 13 | 1 | ABF16688 |
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| C 350 | 9.8 | 15.1 | 13 | 1 | ABF69513 |
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| C 352 | 9.8 | 15.1 | 13 | 1 | ASC54295 |
| C 353 | 9.8 | 15.1 | 13 | 1 | ABF05602 |
| C 354 | 9.8 | 15.1 | 13 | 1 | ABC37888 |
| C 355 | 9.8 | 15.1 | 13 | 1 | ABC11500 |
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| C 357 | 9.8 | 15.1 | 13 | 1 | ABC37879 |
| C 358 | 9.8 | 15.1 | 13 | 1 | ABH00234 |
| C 359 | 9.8 | 15.1 | 13 | 1 | ABH65172 |
| C 360 | 9.8 | 15.1 | 13 | 1 | ABH65262 |
| C 361 | 9.8 | 15.1 | 13 | 1 | ASC92815 |
| C 362 | 9.8 | 15.1 | 13 | 1 | ASC75155 |
| C 363 | 9.8 | 15.1 | 13 | 1 | ASC58518 |
| C 364 | 9.8 | 15.1 | 13 | 1 | ABC11401 |
| C 365 | 9.8 | 15.1 | 13 | 1 | ABF35262 |
| C 366 | 9.8 | 15.1 | 13 | 1 | ABP39902 |
| C 367 | 9.8 | 15.1 | 13 | 1 | ABH33027 |
| C 368 | 9.8 | 15.1 | 13 | 1 | ABH10963 |
| C 369 | 9.8 | 15.1 | 13 | 1 | ABH38624 |
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| C 371 | 9.8 | 15.1 | 13 | 1 | ABH41660 |
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| C 375 | 9.8 | 15.1 | 13 | 1 | ASC52081 |
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| C 381 | 9.8 | 15.1 | 13 | 1 | ABH11400 |
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| C 383 | 9.8 | 15.1 | 13 | 1 | ABF20476 |
| C 384 | 9.8 | 15.1 | 13 | 1 | ABF39903 |
| C 385 | 9.8 | 15.1 | 13 | 1 | ABF67880 |
| C 386 | 9.8 | 15.1 | 13 | 1 | ABF98316 |
| C 387 | 9.8 | 15.1 | 13 | 1 | ABF98317 |
| C 388 | 9.8 | 15.1 | 13 | 1 | ABH23613 |
| C 389 | 9.8 | 15.1 | 13 | 1 | ABH57829 |
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| C 394 | 9.8 | 15.1 | 13 | 1 | ABF04649 |
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| C 398 | 9.8 | 15.1 | 13 | 1 | ABF32796 |
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| C 399 | 9.8 | 15.1 | 13 | 1 | ABF47357 | Oligonucleotide SE |
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| 403 | 9.8 | 15.1 | 13 | 1 | ABH34278 | Oligonucleotide SE |
| 404 | 9.8 | 15.1 | 13 | 1 | ABF86466 | Oligonucleotide SE |
| C 405 | 9.8 | 15.1 | 13 | 1 | ABH16219 | Oligonucleotide SE |
| 406 | 9.8 | 15.1 | 13 | 1 | ABH62129 | Oligonucleotide SE |
| C 407 | 9.8 | 15.1 | 13 | 1 | ABC31789 | Oligonucleotide SE |
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| C 409 | 9.8 | 15.1 | 13 | 1 | ABF57881 | Oligonucleotide SE |
| C 410 | 9.8 | 15.1 | 13 | 1 | ABH04581 | Oligonucleotide SE |
| C 411 | 9.8 | 15.1 | 13 | 1 | ABH05560 | Oligonucleotide SE |
| C 412 | 9.8 | 15.1 | 13 | 1 | ABC74671 | Oligonucleotide SE |
| C 413 | 9.8 | 15.1 | 13 | 1 | ABF04647 | Oligonucleotide SE |
| 414 | 9.8 | 15.1 | 13 | 1 | ABF07730 | Oligonucleotide SE |
| C 415 | 9.8 | 15.1 | 13 | 1 | ABC34457 | Oligonucleotide SE |
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| C 417 | 9.8 | 15.1 | 13 | 1 | ABF20477 | Oligonucleotide SE |
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| C 420 | 9.8 | 15.1 | 13 | 1 | ABF39905 | Oligonucleotide SE |
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| C 422 | 9.8 | 15.1 | 13 | 1 | ABH33543 | Oligonucleotide SE |
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| C 424 | 9.8 | 15.1 | 13 | 1 | ABF22973 | Oligonucleotide SE |
| C 425 | 9.8 | 15.1 | 13 | 1 | ABH15571 | Oligonucleotide SE |
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| C 430 | 9.8 | 15.1 | 13 | 1 | ABC60969 | Oligonucleotide SE |
| 431 | 9.8 | 15.1 | 13 | 1 | ABC61676 | Oligonucleotide SE |
| C 432 | 9.8 | 15.1 | 13 | 1 | ABF31799 | Oligonucleotide SE |
| 433 | 9.8 | 15.1 | 13 | 1 | ABF32795 | Oligonucleotide SE |
| C 434 | 9.8 | 15.1 | 13 | 1 | ABH22410 | Oligonucleotide SE |
| C 435 | 9.8 | 15.1 | 13 | 1 | ABH05561 | Oligonucleotide SE |
| C 436 | 9.8 | 15.1 | 13 | 1 | ABH34279 | Oligonucleotide SE |
| C 437 | 9.8 | 15.1 | 13 | 1 | ABH16293 | Oligonucleotide SE |
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| C 439 | 9.8 | 15.1 | 13 | 1 | ABC73213 | Oligonucleotide SE |
| C 440 | 9.8 | 15.1 | 13 | 1 | ABC99215 | Oligonucleotide SE |
| 441 | 9.8 | 15.1 | 13 | 1 | ABF04646 | Oligonucleotide SE |
| 442 | 9.8 | 15.1 | 13 | 1 | ABC55719 | Oligonucleotide SE |
| C 443 | 9.8 | 15.1 | 13 | 1 | ABF09481 | Oligonucleotide SE |
| 444 | 9.8 | 15.1 | 13 | 1 | ABC16848 | Oligonucleotide SE |
| 445 | 9.8 | 15.1 | 13 | 1 | ABF17417 | Oligonucleotide SE |
| C 446 | 9.8 | 15.1 | 13 | 1 | ABF32117 | Oligonucleotide SE |
| C 447 | 9.8 | 15.1 | 13 | 1 | ABH21397 | Oligonucleotide SE |
| C 448 | 9.8 | 15.1 | 13 | 1 | ABF75985 | Oligonucleotide SE |
| C 449 | 9.8 | 15.1 | 13 | 1 | ABH38625 | Oligonucleotide SE |
| C 450 | 9.8 | 15.1 | 13 | 1 | ABC68819 | Oligonucleotide SE |
| 451 | 9.8 | 15.1 | 13 | 1 | ABC44906 | Oligonucleotide SE |
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| 453 | 9.8 | 15.1 | 13 | 1 | ABF04648 | Oligonucleotide SE |
| 454 | 9.8 | 15.1 | 13 | 1 | ABC05436 | Oligonucleotide SE |
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| C 459 | 9.8 | 15.1 | 13 | 1 | ABF76689 | Oligonucleotide SE |
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| C 467 | 9.8 | 15.1 | 13 | 1 | ABF32794 | Oligonucleotide SE |
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| 471 | 9.8 | 15.1 | 13 | 1 | ABF90374 | Oligonucleotide SE |

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| C 472 | 9.8 | 15.1 | 13 | 1 | ABF66699 | Oligonucleotide SE |
| 473 | 9.8 | 15.1 | 13 | 1 | ABH57530 | Oligonucleotide SE |
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| C 476 | 9.8 | 15.1 | 13 | 1 | ABC55718 | Oligonucleotide SE |
| C 477 | 9.8 | 15.1 | 13 | 1 | ABF17416 | Oligonucleotide SE |
| 478 | 9.8 | 15.1 | 13 | 1 | ABF31794 | Oligonucleotide SE |
| C 479 | 9.8 | 15.1 | 13 | 1 | ABF31795 | Oligonucleotide SE |
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| C 483 | 9.8 | 15.1 | 13 | 1 | ABH12784 | Oligonucleotide SE |
| C 484 | 9.8 | 15.1 | 13 | 1 | ABF88569 | Oligonucleotide SE |
| C 485 | 9.8 | 15.1 | 13 | 1 | ABF65173 | Oligonucleotide SE |
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| C 489 | 9.8 | 15.1 | 13 | 1 | ABH42927 | Oligonucleotide SE |
| C 490 | 9.8 | 15.1 | 13 | 1 | ABH62560 | Oligonucleotide SE |
| 491 | 9.8 | 15.1 | 13 | 1 | ABC68818 | Oligonucleotide SE |
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| C 494 | 9.8 | 15.1 | 13 | 1 | ABH22411 | Oligonucleotide SE |
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| C 496 | 9.8 | 15.1 | 13 | 1 | ABF75611 | Oligonucleotide SE |
| 497 | 9.8 | 15.1 | 13 | 1 | ABH04580 | Oligonucleotide SE |
| 498 | 9.8 | 15.1 | 13 | 1 | ABH12785 | Oligonucleotide SE |
| C 499 | 9.8 | 15.1 | 13 | 1 | ABC68985 | Oligonucleotide SE |
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| 501 | 9.8 | 15.1 | 13 | 1 | ABC54294 | Oligonucleotide SE |
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| C 503 | 9.8 | 15.1 | 13 | 1 | ABF73729 | Oligonucleotide SE |
| C 504 | 9.8 | 15.1 | 13 | 1 | ABH00235 | Oligonucleotide SE |
| C 505 | 9.8 | 15.1 | 13 | 1 | ABF50559 | Oligonucleotide SE |
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| C 507 | 9.8 | 15.1 | 13 | 1 | ABF96467 | Oligonucleotide SE |
| 508 | 9.8 | 15.1 | 13 | 1 | ABF52972 | Oligonucleotide SE |
| 509 | 9.8 | 15.1 | 13 | 1 | ABC68984 | Oligonucleotide SE |
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| 517 | 9.8 | 15.1 | 13 | 1 | ABF88568 | Oligonucleotide SE |
| C 518 | 9.8 | 15.1 | 13 | 1 | ABC20851 | Oligonucleotide SE |
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| C 520 | 9.8 | 15.1 | 13 | 1 | ABC99663 | Oligonucleotide SE |
| C 521 | 9.8 | 15.1 | 13 | 1 | ABC01963 | Oligonucleotide SE |
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| C 523 | 9.8 | 15.1 | 13 | 1 | ABC63814 | Oligonucleotide SE |
| C 524 | 9.8 | 15.1 | 13 | 1 | ABF16687 | Oligonucleotide SE |
| C 525 | 9.8 | 15.1 | 13 | 1 | ABF22179 | Oligonucleotide SE |
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| C 527 | 9.8 | 15.1 | 13 | 1 | ABF72761 | Oligonucleotide SE |
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| C 529 | 9.8 | 15.1 | 13 | 1 | ABF90375 | Oligonucleotide SE |
| C 530 | 9.8 | 15.1 | 13 | 1 | ABH15567 | Oligonucleotide SE |
| 531 | 9.8 | 15.1 | 13 | 1 | ABH16661 | Oligonucleotide SE |
| 532 | 9.8 | 15.1 | 13 | 1 | ABF66699 | Oligonucleotide SE |
| C 533 | 9.8 | 15.1 | 13 | 1 | ABH57531 | Oligonucleotide SE |
| 534 | 9.8 | 15.1 | 13 | 1 | ABH57828 | Oligonucleotide SE |

ALIGNMENTS

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ID ADC02407 standard; DNA; 24 BP.
XX
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